

IN THE CLAIMS

Claims 1-20 are as follows:

1. (Currently Amended) For use in a ~~base station~~ wireless network comprising a plurality of base stations, each of said base stations capable of communicating with a plurality of mobile stations, a message transfer system for transmitting and receiving intermittent messages comprising:

a controller for inserting one of said intermittent messages into a data frame;

a selection distribution unit in a source base station for receiving and processing said intermittent messages; and

a transmitter for transmitting said data frame to a ~~plurality of target~~ base station[[s]] via said an A3 interface.

2. (Original) The message transfer system as set forth in Claim 1 further comprising:

program instructions for expanding a frame sequence number information in said data frame; and

instructions for providing a position identifier for said intermittent message.

3. (Currently Amended) The message transfer system as set forth in Claim 1, further comprising:

instructions for copying said ~~modified~~ data frame.

4. (Currently Amended) The message transfer system as set forth in Claim 3,
wherein said transmitter transmits said copy of said data frame to said target base station +
~~further comprising:~~

~~said transmitter for transmitting all copies to said target base stations.~~

5. (Original) The message transfer system as set forth in Claim 1, further comprising
a means for including a specific time to transmit said data frame with said intermittent message
to a mobile unit.

6. (Currently Amended) The message transfer system as set forth in Claim 1, further
comprising:

an interface for sending said intermittent message to said selection distribution unit in
[[a]] said source base station from a plurality of target base stations while ~~said~~ a mobile unit is in
soft handoff.

7. (Currently Amended) The message transfer system as set forth in Claim ~~[[1]]~~ 6, further comprising a means ~~for detecting errors~~ in said selection distribution unit for selecting ~~the most correct~~ a message having a fewest number of errors from said ~~plurality of~~ messages received from said plurality of target base stations and discarding the balance of said received messages.

8. (Currently Amended) A wireless communications network, ~~a system for transmitting intermittent messages in a wireless communication network~~, comprising:

- ~~a mobile unit;~~
- ~~at least one~~ a plurality of base stations, each of said base stations capable of communicating with a plurality of mobile stations; and
- a message transfer system for transmitting intermittent messages comprising:
 - a controller for inserting one of said intermittent messages into a data frame;
 - a selection distribution unit in a source base station for receiving and processing said intermittent messages; and
 - a transmitter for transmitting said data frame to a ~~plurality of~~ target base station~~[[s]]~~ via said an A3 interface.

9. (Currently Amended) The ~~message transfer system~~ wireless communications network as set forth in Claim 8, wherein said message transfer system further comprising comprises:

program instructions for expanding a frame sequence number information in said data frame; and

instructions for providing a position identifier for said intermittent message.

10. (Currently Amended) The ~~message system~~ wireless communications network as set forth in Claim 8, ~~for transmitting intermittent messages, further comprising~~ wherein said message transfer system further comprises:

program instructions for copying said ~~modified~~ data frame; and

~~said transmitter for transmitting all copies to said target base stations.~~

11. (Currently Amended) The ~~message transfer system~~ wireless communications network as set forth in Claim 8 ~~further comprising a means for including a specific time to transmit said data frame with said intermittent message to a mobile unit 10~~ wherein said transmitter transmits said copy of said data frame to at least one of said target base station.

12. (Currently Amended) The ~~message transfer system~~ wireless communications network as set forth in Claim 8, ~~further comprising~~ wherein said message transfer system further

comprises a means for including a specific time to transmit said data frame with said intermittent message to a mobile unit.

13. (Currently Amended) The ~~message transfer system~~ wireless communications network as set forth in Claim 8, wherein said message transfer system further ~~comprising~~ comprises:

an interface for sending said intermittent message to said selection distribution unit in [[a]] said source base station from a plurality of target base stations while ~~said~~ a mobile unit is in soft handoff.

14. (Currently Amended) The ~~message transfer system~~ wireless communications network as set forth in Claim [[8]] 13, wherein said message transfer system further ~~comprising~~ comprises a means for ~~detecting errors~~ in said selection distribution unit for selecting ~~the most correct~~ a message having a fewest number of errors from said plurality of messages received from said plurality of target base stations and discarding the balance of said received messages.

15. (Currently Amended) For use in a ~~base station~~ wireless network comprising a plurality of base stations, each of said base stations capable of communicating with a plurality of mobile stations, a method of transmitting intermittent messages over ~~the~~ an A3 interface comprising the steps of:

inserting one of said intermittent messages into a data frame;
transmitting said data frame to a ~~plurality of~~ target base station[[s]] via said A3 interface;
and
receiving and processing said intermittent messages through a selection distribution unit
in a source base station.

16. (Original) The method for transmitting intermittent messages over the A3
interface as set forth in Claim 15, further comprising:

expanding frame sequence number information in said data frame; and
providing a position identifier for said intermittent message.

17. (Currently Amended) The method for transmitting intermittent messages over the
A3 interface as set forth in Claim 15, further comprising:

copying said ~~modified~~ data frame; and
transmitting ~~all copies~~ said copy to said target base station[[s]].

18. (Currently Amended) The method for transmitting intermittent messages over the
A3 interface as set forth in Claim 15, further ~~comprises~~ comprising including a specific time to
transmit said data frame with said intermittent message to a mobile unit.

19. (Currently Amended) The method for transmitting intermittent messages over the A3 interface as set forth in Claim 15, further comprising:

sending said intermittent message to ~~said~~ a controller in ~~in~~ [[a]] said source base station from a plurality of target base stations via the A3 interface while ~~said~~ a mobile unit is in soft handoff.

20. (Currently Amended) The method for transmitting intermittent messages over the A3 interface as set forth in Claim ~~15~~ 19, further comprising:

said controller selecting ~~the most correct~~ a message having a fewest number of errors from said plurality of messages from said plurality of target base stations and discarding the balance of received messages.